

1 9990224013

FY 2000 Budget Estimate

AIR FORCE RESERVE COMMAND



FY 2000 MILITARY CONSTRUCTION PROGRAM

February 1999

Justification Data Submitted to Congress

EMIC QUALITY EXPIRED 1

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**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000
MILITARY CONSTRUCTION PROGRAM**

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**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)**

MAJOR CONSTRUCTION

FY 2000 MILITARY CONSTRUCTION STATE LIST

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>DD FORM</u>
				<u>1391</u>
				<u>PAGE #</u>
Arkansas	Little Rock AFB Alter Aerial Port Training Facility	<u>800</u>	<u>209</u>	3
	SUBTOTAL	<u>800</u>	<u>209</u>	
Florida	Homestead ARS Fire Fighter Training Facility	<u>2,000</u>	<u>524</u>	8
	SUBTOTAL	<u>2,000</u>	<u>524</u>	
Georgia	Dobbins ARB Add/Alter Facilities for C-130H Aircrew Training	2,130	558	13
	Robins AFB Add/Alter AFRC Headquarters and Alternate Tanker Airlift Control Center (ATACC)	<u>14,000</u>	<u>3,666</u>	18
	SUBTOTAL	<u>16,130</u>	<u>4,224</u>	
Washington	McChord AFB Add/Alter C-17 Squadron Operations/Aircraft Maintenance Unit (AMU) Facility	<u>3,300</u>	<u>864</u>	23
	SUBTOTAL	<u>3,300</u>	<u>864</u>	
Worldwide	TOTAL IN THE UNITED STATES	22,230	5,821	
	Unspecified Minor Construction	4,467	4,467	
	Arch & Eng Svsc and Const Design	<u>1,867</u>	<u>1,867</u>	
	GRAND TOTAL	28,564	12,155	

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)**

MAJOR CONSTRUCTION

FY 2000 NEW MISSION/ENVIRONMENTAL/CURRENT MISSION LISTING

<u>LOCATION</u>	<u>PROJECT</u>	<u>NEW/ENVIR/ CURRENT</u>	
		<u>APPR</u>	<u>CURRENT</u>
Little Rock AFB, AR	Alter Aerial Port Training Facility	209	Current
Homestead ARS, FL	Fire Fighter Training Facility	524	Environmental
Dobbins ARB, GA	Add/Alter Facilities for C-130H Aircrew Training	558	New
Robins AFB, GA	Add/Alter AFRC Headquarters and ATACC	3,666	Current
McChord AFB, WA	Add/Alter C-17 Squadron Operations/AMU Facility	<u>864</u>	New
		TOTAL	5,821
Subtotals:			
	New Mission	1,422	
	Current Mission	3,875	
	Environmental Work	524	
	Unspecified Minor Construction	4,467	
	Arch & Eng Svcs and Const Design	<u>1,867</u>	
		GRAND TOTAL	12,155

SECTION 1

SPECIAL PROGRAM CONSIDERATIONS

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)**

MAJOR CONSTRUCTION

FY 2000 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

DD Form
1391
Page #
8

<u>LOCATION</u>	<u>PROJECT</u>	<u>APPR</u>	<u>TYPE</u>	<u>Page #</u>
Homestead ARS, FL	Fire Fighter Training Facility	524	Abatement	
	TOTAL	524		

Subtotals:

Pollution Abatement	524
Energy Conservation	0
GRAND TOTAL	524

SECTION 2

BUDGET APPENDIX EXTRACT

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM**

FY 2000 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE COMMAND

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and military construction authorization acts, \$12,155,000 to remain available until 30 September 2004. In addition, for completion of projects begun in fiscal year 2000, \$15,165,000 to become available on October 1, 2000 and to remain available until September 30, 2005. Further, for the foregoing purposes, \$20,014,000 to become available on October 1, 2000 and remain available until September 30, 2005.

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
MILITARY CONSTRUCTION PROGRAM - FISCAL YEAR 2000**

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 900-400, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Congressional Reporting Requirements

Page iii, titled "New Mission/Environmental/Current Mission Listing," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Section 4, titled "Future-Years Military Construction Program," is in response to a House of Representatives Authorization Conference requirement contained on page 287, Section 1257 (Information on Proposed Funding for the Guard and Reserve Components in Future-Years Defense Programs) of Report #104-724.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

SECTION 3

INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1390 AND 1391

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 99		
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		4. AREA CONSTR COST INDEX 0.80			
5. FREQUENCY AND TYPE UTILIZATION Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY CODE 171-443	PROJECT TITLE Alter Aerial Port Training Fac	SCOPE 744 SM	AUTH (\$000) 800	DESIGN START 05/94	DESIGN COMPLETE 06/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION			22 Oct 97 (Date) Approved for unilateral construction.		
9. LAND ACQUISITION REQUIRED			NONE (Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY CODE NONE	PROJECT TITLE	SCOPE	AUTH (\$000)	YEAR	
11. RPM BACKLOG AT THIS INSTALLATION (\$000): RPM at an Active Air Force installation is the responsibility of the host.			N/A		

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION							
LITTLE ROCK AIR FORCE BASE, ARKANSAS							
11. PERSONNEL STRENGTH AS OF 1 SEP 98							
	PERMANENT				GUARD/RESERVE		
AUTHORIZED	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	4	0	2	2	135	4	131
ACTUAL	4	0	2	2	136	4	132
12. RESERVE UNIT DATA			STRENGTH				
UNIT DESIGNATION				AUTHORIZED	ACTUAL		
96 th Mobile Aerial Port Squadron				135	136		
13. MAJOR EQUIPMENT AND AIRCRAFT			TYPE	AUTHORIZED	ASSIGNED		
			NONE				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		4. PROJECT TITLE ALTER AERIAL PORT TRAINING FACILITY		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 171-443	7. PROJECT NUMBER NKAK939100	8. PROJECT COST (\$000) Auth: 800 Appr: 209	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ALTER AERIAL PORT TRAINING FACILITY	SM	744	735	547
SUPPORTING FACILITIES				141
UTILITIES	LS			(131)
SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				688
CONTINGENCY (10%)				69
TOTAL CONTRACT COST				757
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				43
TOTAL REQUEST				800

Description of Proposed Construction: Alter existing facility for an Aerial Port Training Facility. Work also includes constructing a means of access to an existing parking lot. Project includes all necessary utilities and alterations to existing utilities.

11. REQUIREMENT: 1,860 SM ADEQUATE: 1,116 SM SUBSTANDARD: 744 SM

PROJECT: Alter Aerial Port Training Facility. (Current Mission)

REQUIREMENT: Alteration of an existing facility is required to support aerial port training requirements of the 96th Mobile Aerial Port Squadron. The facility will include administrative space, classrooms, practice and load build-up space, and mobility and equipment secure storage areas. Alteration of approximately 744 SM of the facility is required to properly configure space for the administrative function of the unit. Alteration of the HVAC and lighting systems are required throughout the entire facility. Construction of a means of access from the facility to an existing parking lot is also required.

CURRENT SITUATION: The 96th Mobile Aerial Port Squadron is now in its fourth interim location since its activation in 1975. The unit currently occupies several facilities. The main facility is scheduled to be demolished to accommodate a new active duty control tower.

IMPACT IF NOT PROVIDED: The unit and host base have identified temporary work-arounds until this project can be constructed. If not constructed when the unit loses use of the host facilities, the unit will have inadequate space at Little Rock AFB. This will substantially degrade their combat readiness.

ADDITIONAL: The cost of constructing new aircraft parking for the Active Air Force host exceeds the cost of providing new aerial port training space. POC: Mr. Edward Rodgers, HQ AFRC/CEPD, DSN 497-1056. ALTER AERIAL PORT TRAINING FACILITY: 744 SM = 8,004 SF.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION		
LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE	5. PROJECT NUMBER	
ALTER AERIAL PORT TRAINING FACILITY	NKAK939100	

ADDITIONAL (continued): This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$800 thousand in FY 2000. To finance both phases, an appropriation of \$209 thousand is requested in FY 2000 and an advance appropriation of \$591 thousand is requested for the balance of the project.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99	
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS			
4. PROJECT TITLE ALTER AERIAL PORT TRAINING FACILITY	5. PROJECT NUMBER NKA939100		
12. <u>SUPPLEMENTAL DATA:</u>			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>94 MAY 02</u>		
b. Parametric Cost Estimate used to develop costs	<u>N</u>		
c. Percentage Complete as of January 1, 1999	<u>35%</u>		
d. Date Design 35% Complete	<u>98 AUG 26</u>		
e. Date Design Complete	<u>99 JUN 01</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u> </u> No <u>X</u> .			
b. Where Design Was Most Recently Used <u>N/A</u> .			
3. COST (Total) = c = a + b or d + e	(\$000)		
a. Production of Plans and Specifications	<u>(48)</u>		
b. All Other Design Costs	<u>(64)</u>		
c. Total	<u>(112)</u>		
d. Contract	<u>(0)</u>		
e. In-house	<u>(112)</u>		
4. CONSTRUCTION START	<u>99 NOV</u> (year and month)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
Equipment <u>Nomenclature</u> NONE	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost (\$000)

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99												
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA		4. AREA CONSTR COST INDEX 0.94												
5. FREQUENCY AND TYPE UTILIZATION Facility is to be used daily to train fire fighters and maintain their readiness standard.														
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit 1 National Coast Guard Unit														
7. PROJECTS REQUESTED IN THIS PROGRAM <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>DESIGN START</th> <th>DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td>179-511</td> <td>Fire Fighter Training Facility</td> <td>1 EA</td> <td>2,000</td> <td>08/94</td> <td>06/99</td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE	179-511	Fire Fighter Training Facility	1 EA	2,000	08/94	06/99
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE									
179-511	Fire Fighter Training Facility	1 EA	2,000	08/94	06/99									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Re-approved for unilateral construction		<u>28 Jan 99</u> (Date)												
9. LAND ACQUISITION REQUIRED		<u>NONE</u> (Number of Acres)												
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	<u>YEAR</u>	NONE						
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	<u>YEAR</u>										
NONE														
11. RPM BACKLOG AT THIS INSTALLATION (\$000): <u>54,600</u>														

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA							
11. PERSONNEL STRENGTH AS OF 1 SEP 98							
	PERMANENT			GUARD/RESERVE			
AUTHORIZED	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	<u>607</u>	<u>0</u>	<u>3</u>	<u>604</u>	<u>1163</u>	<u>111</u>	<u>1052</u>
ACTUAL	<u>594</u>	<u>0</u>	<u>3</u>	<u>591</u>	<u>366</u>	<u>33</u>	<u>332</u>
12. RESERVE UNIT DATA			STRENGTH				
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
AFR Recruiting		3	3				
70 TH Aerial Port Squadron		192	182				
93 RD Fighter Squadron		338	234				
482 ND Wing		1236	540				
951 St RES Support		<u>1</u>	<u>1</u>				
TOTAL		<u>1770</u>	<u>960</u>				
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
F-16C		15	18				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA		4. PROJECT TITLE FIRE FIGHTER TRAINING FACILITY		
5. PROGRAM ELEMENT 55356F	6. CATEGORY CODE 179-511	7. PROJECT NUMBER HACC963025	8. PROJECT COST (\$000) Auth: 2,000 Appr: 524	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FIRE FIGHTER TRAINING FACILITY	LS			1,245
AIRCRAFT MOCK-UP BURN PIT	EA	1	1,050,000	(1,050)
SEARCH & CONFINED SPACE TRAINING BLDG	EA	1	150,000	(150)
DRAFTING PIT	EA	1	45,000	(45)
SUPPORTING FACILITIES				557
UTILITIES & OIL/WATER SEPARATOR	LS			(112)
FUEL STORAGE TANKS	CM	42	2,238	(94)
SITE PREPARATION	CM	12,000	8	(96)
PAVEMENTS	SM	850	153	(130)
SECURITY FENCE	LM	1,050	119	(125)
SUBTOTAL				1,802
CONTINGENCY (5%)				90
TOTAL CONTRACT COST				1,892
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				108
TOTAL REQUEST				2,000
10. Description of Proposed Construction: Construct a circular burn area with double flexible membrane liners, water/fuel drainage systems, leak detection, propane gas tank, pumps, valves, controls, piping, effluent holding pond, lighting, and compacted drive around the area. Also construct a search & confined space training building of masonry concrete with movable partitions, pipes, hatches, tanks, and small opening.				
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA				
<u>PROJECT:</u> Fire Fighter Training Facility. (Environmental Compliance)				
<u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing aircraft interior fires and mass fuel spills and running fuel fires. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separations and waste holding facilities are required to prevent leaching into the ground.				
<u>CURRENT SITUATION:</u> The existing live-fire training facility violates Environmental Protection Agency (EPA) regulations. The existing oil/water separator is not capable of adequately separating the foaming agent and unburned fuel from the water. The existing facility has been closed for the purposes of restoration and due to the environmental problems that occur from the use of the facility. Live-fire training is mandatory for each military Fire Fighter to be eligible for deployment during a wartime commitment. Due to this facility being closed, our Fire Fighters are having to train off-site,				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 98
3. INSTALLATION AND LOCATION		
HOMESTEAD AIR RESERVE STATION, FLORIDA		
4. PROJECT TITLE	5. PROJECT NUMBER	
FIRE FIGHTER TRAINING FACILITY	HACC963025	

with less frequency, at greater expense and inconvenience.

IMPACT IF NOT PROVIDED: The inadequate fire training conditions at Homestead Air Reserve Station will continue and will affect the high level of proficiency required in aircraft crash-fire fighting. The required level and frequency of live-fire training for the assigned fire fighters is not available. Off-site training causes manning shortages and could pose problems if fires occur while fire fighters are absent. Without the stress and realism that comes only with live fires, fire fighters lose proficiency in combating fires. The potential for loss of aircraft and life is increased.

ADDITIONAL: The Air Force has developed a "standard" or generic design for a Fire Fighter Training Facility which incorporates all of the requirements for fire fighter training and all environmental compliance standards. This estimate is based on the standard design for this location and this design will be used and site-adapted for this particular installation. The Search and Confined Space Training Facility is added to the standard design to satisfy recent confined space training requirements. POC: HQ AFRC/CEPD, Mr. Richard Eunice, DSN 497-1057.

This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$2.0 million in FY 2000. To finance both phases, an appropriation of \$524 thousand is requested in FY 2000 and an advance appropriation of \$1.476 million is requested for the balance of the project.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEB 99
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA			
4. PROJECT TITLE FIRE FIGHTER TRAINING FACILITY	5. PROJECT NUMBER HACC963025		
12. SUPPLEMENTAL DATA:			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>94 AUG 01</u>		
b. Parametric Cost Estimate used to develop costs	<u>Y</u>		
c. Percentage Complete as of January 1, 1999	<u>65%</u>		
d. Date Design 35% Complete	<u>94 SEP 15</u>		
e. Date Design Complete	<u>99 JUN 01</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u> </u> No <u>X</u> .			
b. Where Design Was Most Recently Used <u>N/A</u> .			
3. COST (Total) = c = a + b or d + e (\$000)			
a. Production of Plans and Specifications	<u>(145)</u>		
b. All Other Design Costs	<u>(52)</u>		
c. Total	<u>(197)</u>		
d. Contract	<u>(0)</u>		
e. In-house	<u>(197)</u>		
4. CONSTRUCTION START <u>99 NOV</u> . (year and month)			
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
<u>Equipment Nomenclature</u> NONE	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99															
3. INSTALLATION AND LOCATION DOBBINS AIR RESERVE BASE, GEORGIA		4. AREA CONSTR COST INDEX 0.93															
5. FREQUENCY AND TYPE UTILIZATION Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 2 Army Installations 1 Naval Air Station 1 Air National Guard Unit																	
7. PROJECTS REQUESTED IN THIS PROGRAM <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>DESIGN START</th> <th>DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td>171-211</td> <td>Add/Alter Facilities for C-130H Aircrew Training</td> <td>1,585 SM</td> <td>2,130</td> <td>03/99</td> <td>11/99</td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE	171-211	Add/Alter Facilities for C-130H Aircrew Training	1,585 SM	2,130	03/99	11/99			
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE												
171-211	Add/Alter Facilities for C-130H Aircrew Training	1,585 SM	2,130	03/99	11/99												
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION		<u>15 Jul 98</u> (Date) Approval for unilateral construction.															
9. LAND ACQUISITION REQUIRED		<u>NONE</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>111-111</td> <td>C-130 Assault Strip</td> <td>30,519 SM</td> <td>6,350</td> <td>2001</td> </tr> <tr> <td>721-315</td> <td>Base Visiting Airmen's Quarters</td> <td>2,292 SM</td> <td>5,100</td> <td>2002</td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR	111-111	C-130 Assault Strip	30,519 SM	6,350	2001	721-315	Base Visiting Airmen's Quarters	2,292 SM	5,100	2002
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR													
111-111	C-130 Assault Strip	30,519 SM	6,350	2001													
721-315	Base Visiting Airmen's Quarters	2,292 SM	5,100	2002													
11. RPM BACKLOG AT THIS INSTALLATION (\$000):		<u>18,500</u>															

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION							
DOBBINS AIR RESERVE BASE, GEORGIA							
11. PERSONNEL STRENGTH AS OF 1 SEP 98							
	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	<u>629</u>	<u>2</u>	<u>21</u>	<u>606</u>	<u>1501</u>	<u>259</u>	<u>1242</u>
ACTUAL	<u>668</u>	<u>2</u>	<u>21</u>	<u>645</u>	<u>1271</u>	<u>206</u>	<u>1065</u>
12. RESERVE UNIT DATA			STRENGTH				
UNIT DESIGNATION	AUTHORIZED	ACTUAL					
AFR Command OL-J	3	5					
AFR Contract Accounting & Finance	39	40					
AFR Management Engineering	17	18					
AFR Recruiting	11	11					
22 nd AF Headquarters	115	81					
80 th Aerial Port Squadron	214	191					
700 th Airlift Flight	121	106					
94 th Wing Headquarters	1,474	1,375					
622 nd Regional Support	91	73					
628 th Civil Engineer Squadron	14	17					
951 st Reserve Support Squadron	15	15					
952 nd Reserve Support Squadron	<u>16</u>	<u>7</u>					
Total	2,130	1,939					
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED	ASSIGNED					
C-130H	8	9					

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION DOBBINS AIR RESERVE BASE, GEORGIA		4. PROJECT TITLE ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING		
5. PROGRAM ELEMENT 54343F	6. CATEGORY CODE 171-211	7. PROJECT NUMBER FGWB990044	8. PROJECT COST (\$000) Auth: 2,130 Appr: 558	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD/ALTER FACILITIES FOR C-130 AIRCREW				
TRAINING				
ADD TO TRAINING FACILITIES	SM	387	1,752	1,756 (678)
ALTER TRAINING FACILITIES	SM	1,198	900	(1,078)
SUPPORTING FACILITIES				76
UTILITIES	LS			(36)
PAVEMENTS	LS			(15)
SITE IMPROVEMENTS	LS			(25)
SUBTOTAL				1,832
CONTINGENCY (10%)				183
TOTAL CONTRACT COST				2,015
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				115
TOTAL REQUEST				2,130
EQUIPMENT: From Other Appropriations (Non-Add)				(100)
10. Description of Proposed Construction: Reinforced concrete foundation and flooring. Steel frame/roof. Masonry walls. Includes all necessary site work and supporting utilities upgrade.				
11. REQUIREMENT: 2,275 SM ADEQUATE: 690 SM SUBSTANDARD: 1,198 SM				
<u>PROJECT:</u> Add to and alter existing squadron operations and aircraft maintenance facilities to convert to a C-130H flying training mission. (New Mission)				
<u>REQUIREMENT:</u> Facilities are required to provide operations training classrooms and support space for C-130H aircrew training. Functions include classrooms, mission planning areas, instructor offices, life support, training load buildup areas, and training squadron command and administration.				
<u>CURRENT SITUATION:</u> The reserve squadron is currently a combat tasked tactical airlift squadron (8 PAA C-130H). In order to meet the growing C-130H aircrew training requirements for the active and reserve and to conserve training funds, the squadron is converting to a flying training squadron (8 PAA C-130H). This will result in an increase in the number of full time aircrews within the squadron, necessitating additional offices for instructors. To support the influx of students, estimated at 250 per year, the facilities must be altered and added to for classroom and life support space as well as training administrative and support space, to include aerial delivery load buildup and storage.				
<u>IMPACT IF NOT PROVIDED:</u> The unit will be unable to train a sufficient number of students to justify the change in mission. The backlog of aircrew training requirements cannot be reduced and training funds cannot be conserved.				
<u>ADDITIONAL:</u> POC: HQ AFRC/CEPD, Mr. Richard Eunice, DSN 497-1057. ADDITION WORK: 387 SM = 4,164 SF. ALTERATION WORK: 1,198 SM = 12,890 SF.				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION		
DOBBINS AIR RESERVE BASE, GEORGIA		
4. PROJECT TITLE	5. PROJECT NUMBER	
ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING	FGWB990044	
<p>ADDITIONAL (continued): This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$2.130 million in FY 2000. To finance both phases, an appropriation of \$558 thousand is requested in FY 2000 and an advance appropriation of \$1.572 million is requested for the balance of the project.</p>		

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEB 99
3. INSTALLATION AND LOCATION DOBBINS AIR RESERVE BASE, GEORGIA			
4. PROJECT TITLE ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING	5. PROJECT NUMBER FGWB990044		
12. SUPPLEMENTAL DATA:			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>99 MAR 01</u>		
b. Parametric Cost Estimate used to develop costs	<u>Y</u>		
c. Percentage Complete as of January 1, 1999	<u>0%</u>		
d. Date Design 35% Complete	<u>99 MAY 01</u>		
e. Date Design Complete	<u>99 NOV 01</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u> </u> No <u>X</u> .			
b. Where Design Was Most Recently Used <u>N/A</u> .			
3. COST (Total) = c = a + b or d + e (\$000)			
a. Production of Plans and Specifications	<u>(5)</u>		
b. All Other Design Costs	<u>(187)</u>		
c. Total	<u>(192)</u>		
d. Contract	<u>(135)</u>		
e. In-house	<u>(57)</u>		
4. CONSTRUCTION START <u>00 JAN</u> . (year and month)			
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
Equipment Nomenclature Furnishings	Procuring Appropriation 3740	Fiscal Year Appropriated Or Requested 2000	Cost (\$000) 100

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99												
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. AREA CONSTR COST INDEX 0.82												
5. FREQUENCY AND TYPE UTILIZATION Facility to be used daily as a full time major command. Facility occupied by civilian, active duty and reserve personnel.														
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit														
7. PROJECTS REQUESTED IN THIS PROGRAM <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>DESIGN START</th> <th>DESIGN COMPLETE</th> </tr> </thead> <tbody> <tr> <td>610-284</td> <td>Add/Alter AFRC HQ & ATACC</td> <td>14,943 SM</td> <td>14,000</td> <td>10/97</td> <td>04/99</td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE	610-284	Add/Alter AFRC HQ & ATACC	14,943 SM	14,000	10/97	04/99
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN START	DESIGN COMPLETE									
610-284	Add/Alter AFRC HQ & ATACC	14,943 SM	14,000	10/97	04/99									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Re-approved for unilateral construction.		<u>15 Jul 98</u> (Date)												
9. LAND ACQUISITION REQUIRED		<u>NONE</u> (Number of Acres)												
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR	NONE						
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR										
NONE														
11. RPM BACKLOG AT THIS INSTALLATION (\$000): RPM at an Active Air Force installation is the responsibility of the host.		<u>N/A</u>												

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION							
ROBINS AIR FORCE BASE, GEORGIA							
11. PERSONNEL STRENGTH AS OF 1 SEP 98							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	740	128	197	415	0	0	0
ACTUAL	774	125	241	408	0	0	0
12. RESERVE UNIT DATA			STRENGTH				
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>			<u>ACTUAL</u>			
HQ AFRC	740			774			
13. MAJOR EQUIPMENT AND AIRCRAFT			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
			NONE				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE ADD/ALTER AFRC HQ & ATACC		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 610-284	7. PROJECT NUMBER UHHZ959210	8. PROJECT COST (\$000) Auth: 14,000 Appr: 3,666	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD /ALTER AFRC HQ & ATACC				10,902
ADD TO EAST ANNEX (3 RD FLOOR)	SM	815	836	(681)
ADD TO WEST ANNEX (3 RD FLOOR)	SM	730	879	(642)
ADDITION: 3-STORY INFILL AREA	SM	1,338	835	(1,117)
ADDITION: RESTROOMS/MECHANICAL ROOM	SM	410	659	(270)
UPGRADE EXTERIOR	SM	2,859	168	(480)
HVAC/PLUMBING/MECHANICAL/ELECT/COMM	SM	11,650	442	(5,149)
INTERIOR ALTERATIONS/FINISHES	SM	11,650	220	(2,563)
SUPPORTING FACILITIES				1,139
UTILITIES/PAVEMENTS/SITE WORK/TRAILERS	LS			(1,139)
SUBTOTAL				12,041
CONTINGENCY (10%)				1,204
TOTAL CONTRACT COST				13,245
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				755
TOTAL REQUEST				14,000
EQUIPMENT: From Other Appropriations (Non-Add)				(9,415)
10. Description of Proposed Construction: Add third floor to east and west annexes. Add a 3-story infill between two interior wings. Add mechanical equipment space. Add an area for Alternate Tanker Airlift Control Center. Remove/replace all electrical and mechanical subsystems to support new floor plan and new system furniture. Upgrade all ceilings, floors, wallcoverings, and restrooms. Upgrade exterior with low-maintenance textured finish. Includes landscaping, primary utilities, and all necessary supporting facilities.				
11. REQUIREMENT: 14,943 SM ADEQUATE: 0 SUBSTANDARD: 11,650 SM				
<u>PROJECT:</u> Add to and Alter Air Force Reserve Command Headquarters (AFRC HQ) and Add Alternate Tanker Airlift Control Center (ATACC).				
<u>REQUIREMENT:</u> Adequate facility space is required for the AFRC staff to provide needed support to field units and to train deployable staff members in their wartime taskings (Current Mission). Space is required for ATACC activation should TACC operations be lost at Scott AFB, IL (New Mission). The wing infill is required to offset the space given to ATACC.				
<u>CURRENT SITUATION:</u> HQ AFRC currently occupies building 210, an 11,650 SM building constructed in 1955. Currently, AFRC is leasing off-base space and overcrowding exists in this facility. Space within building 210 must be rearranged to relieve overcrowding and to match the same standard in the renovated HQ AFRC Annex (building 220). Workstation size in building 210 is 4.6 SM compared to the Air Force minimum standard of 6.3 SM. Additionally, the utility subsystems in building 210 (HVAC/electrical/plumbing/communications/etc.) are antiquated and severely undersized for their current loading. The facility is structurally sound and can be renovated				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEB 99
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE ADD/ALTER AFRC HQ & ATACC	5. PROJECT NUMBER UHHZ959210		
<p>for less cost than new construction. The ATACC facility is currently located at Travis AFB, CA and is scheduled for demolition by FY 1999, requiring a move to another site. Locating the ATACC within the AFRC HQ facility will enhance the synergy between Air Mobility Command (AMC) and reserve forces. Should the TACC go down, HQ AFRC personnel can immediately pick up flight-following responsibility for priority AMC missions. Upon relocating to building 210, TACC personnel can stand-up the ATACC and assume control of AMC airlift operations in progress. The TACC provides two-way connectivity between United States Transportation Command (USTRANSCOM) and AMC's global forces executing missions worldwide. It provides USTRANSCOM visibility over AMC operations as well as in-transit visibility for the airlift/air refueling user. The total or partial loss of the TACC would, within 24 hours, adversely affect AMC's capability to continue its global reach mission. Co-location with HQ AFRC would provide efficiency through joint use of space during exercise training periods.</p> <p>IMPACT IF NOT PROVIDED: Off base leasing will significantly increase at a cost of \$300,000 to \$350,000 per year. Overcrowding in the existing facility will continue to degrade training while increasing safety risks. A new replacement facility will have to be constructed at a higher cost. The TACC could lose its continuity of operations capability. Once the existing ATACC at Travis AFB is demolished by 1999, the TACC will not have a viable relocation site should operations be lost at Scott AFB. USTRANSCOM visibility over AMC global assets would be degraded.</p> <p>ADDITIONAL: POC: HQ AFRC/CEPD, Mr. Steve Albert, DSN 497-1055. ADDITION WORK: 3,293 SM = 35,427 SF. ALTERATION WORK: 11,650 SM = 125,335 SF.</p> <p>This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$14.0 million project in FY 2000. To finance both phases, an appropriation of \$3.666 million is requested in FY 2000 and an advance appropriation of \$10.334 million is requested for the balance of the project.</p>			

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEB 99
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE ADD/ALTER AFRC HQ & ATACC	5. PROJECT NUMBER UHHZ959210		
12. SUPPLEMENTAL DATA:			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>97 OCT 01</u>		
b. Parametric Cost Estimate used to develop costs	<u>Y</u>		
c. Percentage Complete as of January 1, 1999	<u>60%</u>		
d. Date Design 35% Complete	<u>98 APR 28</u>		
e. Date Design Complete	<u>99 APR 12</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u> </u> No <u>X</u> .			
b. Where Design Was Most Recently Used <u>N/A</u> .			
3. COST (Total) = c = a + b or d + e (\$000)			
a. Production of Plans and Specifications	<u>(960)</u>		
b. All Other Design Costs	<u>(812)</u>		
c. Total	<u>(1772)</u>		
d. Contract	<u>(1556)</u>		
e. In-house	<u>(216)</u>		
4. CONSTRUCTION START <u>99 NOV</u> . (year and month)			
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
HQ AFRC Furnishings	3740	2000	3,496
ATACC Furnishings/Equipment	3400/3080	2000	<u>5,919</u>
		TOTAL:	9,415

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99												
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON		4. AREA CONSTR COST INDEX 1.10												
5. FREQUENCY AND TYPE UTILIZATION Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.														
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army Installation 1 Army National Guard Headquarters														
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1"> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>DESIGN <u>START</u></th> <th>DESIGN <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>141-753</td> <td>Add/Alter C-17 Squad Ops/AMU</td> <td>1,750 SM</td> <td>3,300</td> <td>03/98</td> <td>06/99</td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN <u>START</u>	DESIGN <u>COMPLETE</u>	141-753	Add/Alter C-17 Squad Ops/AMU	1,750 SM	3,300	03/98	06/99
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	DESIGN <u>START</u>	DESIGN <u>COMPLETE</u>									
141-753	Add/Alter C-17 Squad Ops/AMU	1,750 SM	3,300	03/98	06/99									
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION		28 Apr 98 (Date) Re-approved for unilateral construction.												
9. LAND ACQUISITION REQUIRED		NONE (Number of Acres)												
10. PROJECTS PLANNED IN NEXT FOUR YEARS														
<table border="1"> <thead> <tr> <th>CATEGORY <u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th>AUTH (\$000)</th> <th>YEAR</th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR	NONE						
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	AUTH (\$000)	YEAR										
NONE														
11. RPM BACKLOG AT THIS INSTALLATION (\$000): RPM at an Active Air Force installation is the responsibility of the host.		N/A												

1. COMPONENT AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION							
MCCHORD AIR FORCE BASE, WASHINGTON							
11. PERSONNEL STRENGTH AS OF 1 SEP 98							
	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	<u>323</u>	<u>0</u>	<u>7</u>	<u>316</u>	<u>2,462</u>	<u>420</u>	<u>2,042</u>
ACTUAL	<u>320</u>	<u>0</u>	<u>7</u>	<u>313</u>	<u>2,158</u>	<u>391</u>	<u>1,767</u>
12. RESERVE UNIT DATA			STRENGTH				
UNIT DESIGNATION	AUTHORIZED	ACTUAL					
AFR Recruiting	7	7					
36 TH Aerial Port Squadron	140	136					
86 TH Aerial Port Squadron	204	185					
97 TH Airlift Squadron	193	185					
313 TH Airlift Squadron	194	181					
446 TH Wing	1,854	1,627					
728 TH Airlift Squadron	<u>193</u>	<u>157</u>					
TOTAL	2,785	2,478					
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE C-17 (Associate)	AUTHORIZED	ASSIGNED					
	0	0					

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON		4. PROJECT TITLE ADD/ALTER C-17 SQUAD OPS/ AIRCRAFT MAINTENANCE UNIT FAC		
5. PROGRAM ELEMENT 54218F	6. CATEGORY CODE 141-753	7. PROJECT NUMBER PQWY989006	8. PROJECT COST (\$000) Auth: 3,300 Appr: 864	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD/ALTER C-17 SQUAD OPS/AMU FACILITY	LS			2,512
ADD TO SQUADRON OPERATIONS FACILITY	SM	1,100	1,752	(1,927)
ALTER SQUADRON OPERATIONS FACILITY	SM	650	900	(585)
SUPPORTING FACILITIES				461
UTILITIES	LS			(200)
PAVEMENTS	LS			(108)
SITE IMPROVEMENTS	LS			(65)
COMMUNICATIONS	SM	1,100	80	(88)
SUBTOTAL				2,973
CONTINGENCY (5%)				<u>149</u>
TOTAL CONTRACT COST				3,122
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				<u>178</u>
TOTAL REQUEST				3,300
EQUIPMENT: From Other Appropriations (Non-Add)				(320)
10. Description of Proposed Construction: Construct a 1,100 SM addition to the existing squadron operations facility and alter approximately 650 SM for access to the proposed addition. Addition will consist of reinforced concrete foundation, masonry walls, structural steel framing. Sloped metal roof, fire protection systems, utilities, site improvements and all necessary support. Air Conditioning: 145 KW.				
11. REQUIREMENT: 4,417 SM ADEQUATE: 2,667 SM SUBSTANDARD: 650 SM <u>PROJECT:</u> Add to and Alter C-17 Squadron Operations (Squad Ops)/Aircraft Maintenance Unit (AMU) Facility. (New Mission) <u>REQUIREMENT:</u> A properly sized and configured facility is required to consolidate three operational C-17 squadrons. The facility will house squadron command and administration, briefing/debriefing, flight planning, operations scheduling, standardization/evaluation, intelligence, records and flight data, tactics, training, testing, restrooms, physical fitness training, locker rooms, mobility storage, and common use areas. <u>CURRENT SITUATION:</u> Three reserve flying squadrons are currently housed in two existing C-141 Squad Ops facilities. These three squadrons will be reorganized into three C-17 squadrons with the beddown of the new aircraft at McChord AFB beginning in 1999. The two existing facilities are geographically separated, undersized and improperly configured to support C-17 operations. Neither structure is economically upgradable to meet these future requirements. An existing, three squadron, active duty, C-141 Squad Ops building will become available with the construction of a replacement C-17 facility on the flightline. This facility can be easily modified to house the reserve squadrons, to include mobility storage, through execution of this proposed add/alter project. Follow-on uses of the existing facilities have been identified to meet other space deficiencies.				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE ADD/ALTER C-17 SQUAD OPS/AIRCRAFT MAINTENANCE UNIT FACILITY	5. PROJECT NUMBER PQWY989006	

IMPACT IF NOT PROVIDED: Squadron operations will remain in separated, undersized and poorly configured facilities that will seriously degrade overall command and control and unit cohesiveness, necessary to develop and maintain efficient and effective flying operations.

ADDITIONAL: POC: HQ AFRC/CEPD, Mr. Ceaser Gorman, DSN 497-1053. ADDITION WORK: 1,100 SM = 11,836 SF. ALTERATION WORK: 650 SM = 6,994 SF.

This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$3.3 million in FY 2000. To finance both phases, an appropriation of \$864 thousand is requested in FY 2000 and an advance appropriation of \$2.436 million is requested for the balance of the project.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEB 99
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON			
4. PROJECT TITLE ADD/ALTER C-17 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY	5. PROJECT NUMBER PQWY989006		
12. <u>SUPPLEMENTAL DATA:</u>			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>98 MAR 20</u>		
b. Parametric Cost Estimate used to develop costs	<u>Y</u>		
c. Percentage Complete as of January 1, 1999	<u>60%</u>		
d. Date Design 35% Complete	<u>98 AUG 19</u>		
e. Date Design Complete	<u>99 JUN 21</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u> </u> No <u>X</u> .			
b. Where Design Was Most Recently Used <u>N/A</u> .			
3. COST (Total) = c = a + b or d + e (\$000)			
a. Production of Plans and Specifications	<u>(58)</u>		
b. All Other Design Costs	<u>(323)</u>		
c. Total	<u>(381)</u>		
d. Contract	<u>(342)</u>		
e. In-house	<u>(39)</u>		
4. CONSTRUCTION START <u>99 NOV</u> . (year and month)			
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
<u>Equipment Nomenclature</u> Furnishings	<u>Procuring Appropriation</u> 3740	<u>Fiscal Year Appropriated Or Requested</u> 2000	<u>Cost (\$000)</u> 320

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE
PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$4,467,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$1,500,000.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 010-211	7. PROJECT NUMBER PAYZ000341	8. PROJECT COST (\$000) 4,467	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION	LS			<u>4,467</u>
SUBTOTAL				4,467
TOTAL CONTRACT COST				4,467
TOTAL REQUEST				4,467
10. Description of Proposed Construction:				
11. REQUIREMENT: As required. <u>PROJECT</u> : Unspecified Minor Construction <u>REQUIREMENT</u> : This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$1,500,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY 00. <u>IMPACT IF NOT PROVIDED</u> : No means to accomplish exigent projects less than \$1,500,000 will exist, severely degrading the ability of the Air Force Reserve Command to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.				

SECTION 4

OTHER PROGRAM REQUIREMENTS

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 55396F	6. CATEGORY CODE 010-211	7. PROJECT NUMBER PAYZ000313	8. PROJECT COST (\$000) 1,867	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN	LS			<u>1,867</u>
SUBTOTAL				1,867
TOTAL CONTRACT COST				1,867
TOTAL REQUEST				1,867
10. Description of Proposed Construction:				
<p>11. REQUIREMENT: As required.</p> <p><u>PROJECT</u>: Planning and Design. (Current Mission)</p> <p><u>REQUIREMENT</u>: Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve Command (AFRC) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFRC physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. It is essential the AFRC be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.</p> <p><u>IMPACT IF NOT PROVIDED</u>: Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.</p>				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE SUPERVISION, INSPECTION, AND OVERHEAD		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000) Auth: 0 Appr: - 407	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
SUPERVISION, INSPECTION, AND OVERHEAD	LS			<u>- 407</u>
SUBTOTAL				- 407
TOTAL CONTRACT COST				- 407
TOTAL REQUEST				- 407

10. Description of Proposed Construction:

The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Air Force Reserve Command Military Construction funded projects and will be executed in Budget Activity 3.

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE FEB 99
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE SUPERVISION, INSPECTION, AND OVERHEAD		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000) Auth: 0 Appr: 407	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
SUPERVISION, INSPECTION, AND OVERHEAD				407
SUBTOTAL				407
TOTAL CONTRACT COST				407
TOTAL REQUEST				407

10. Description of Proposed Construction:

Supervision, Inspection, and Overhead (SIOH) costs are being annualized beginning with the FY 2000 budget. These costs will be managed and executed in Budget Activity 3.

SECTION 5

FUTURE-YEARS DEFENSE PROGRAM

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND**
FY 2001 - FY 2005 FUTURE YEARS DEFENSE PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

<u>FY</u>	<u>State</u>	<u>Installation</u>	<u>Project</u>	<u>Type</u>	<u>Appr</u>
00	AR	Little Rock ARB	Alter Aerial Port Training Facility (Phase 1)	Current Mission	204
00	FL	Homestead ARS	Fire Fighter Training Facility (Phase 1)	Environmental	509
00	GA	Dobbins ARB	Add/Alter Facilities for C-130H Training (Ph 1)	New Mission	542
00	GA	Robins AFB	Add/Alter AFRC Headquarters/ATACC (Ph 1)	Current Mission	3,319
00	WA	McChord AFB	Add/Alter C-17 Squad Operations/AMU (Ph 1)	New Mission	<u>840</u>
				Total MILCON	5,414
				Unspecified MC	4,467
				Planning & Design	1,867
				SIOH for FY 00 Projects	<u>407</u>
				Total FY01 Program	12,155
01	AR	Little Rock ARB	Alter Aerial Port Training Facility (Phase 2)	Current Mission	553
01	FL	Homestead ARS	Fire Fighter Training Facility (Phase 2)	Environmental	1,381
01	GA	Dobbins ARB	Add/Alter Facilities for C-130H Training (Ph 2)	New Mission	1,472
01	GA	Dobbins ARB	C-130 Assault Strip	New Mission	6,008
01	GA	Robins AFB	Add/Alter AFRC Headquarters/ATACC (Ph 2)	Current Mission	9,677
01	MA	Westover ARB	Control Tower	Current Mission	3,973
01	PA	Willow Grove ARS	Alter Hangar/Add Aqueous Film Forming Foam	Current Mission	2,365
01	WA	McChord AFB	Add/Alter C-17 Squad Operations/AMU (Ph 2)	New Mission	<u>2,281</u>
				Total MILCON	27,710
				Unspecified MC	4,704
				Planning & Design	2,184
				SIOH for FY 00-01 Projects	<u>581</u>
				Total FY01 Program	35,179
02	CO	Peterson AFB	Aerial Port/Airlift Control Flight Facility	Current Mission	4,825
02	GA	Dobbins ARB	Base Visiting Airman Quarters	Current Mission	4,676
02	MS	Keesler AFB	C-130J Hangar	New Mission	<u>5,960</u>
				Total MILCON	15,461
				Unspecified MC	4,996
				Planning & Design	2,664
				SIOH for FY 00-02 Projects	<u>694</u>
				Total FY02 Program	23,815
03	DE	Dover AFB	Wing Headquarters Facility	Current Mission	2,741
03	LA	Barksdale AFB	RED HORSE Vehicle Maintenance Facility	Current Mission	2,933
03	MN	Minn-St. Paul ARS	Consolidated Lodging Facility (Phase 2)	Current Mission	10,880
03	NJ	McGuire AFB	Add/Alter Wing Headquarters Facility	Current Mission	2,271
03	OK	Tinker ARB	Add to Squadron Operations	Current Mission	<u>3,690</u>
				Total MILCON	22,515
				Unspecified MC	5,160
				Planning & Design	2,806
				SIOH for FY 00-03 Projects	<u>898</u>
				Total FY03 Program	31,379
04	NY	Niagara Falls ARS	Lodging Facility	Current Mission	6,055
04	PA	Pittsburgh ARS	Consolidated Lodging Facility	Current Mission	16,840
04	PA	Willow Grove ARS	Renovate Wing Headquarters Facility	Current Mission	<u>3,298</u>
				Total MILCON	26,193
				Unspecified MC	5,274
				Planning & Design	2,868
				SIOH for FY 00-04 Projects	<u>1,119</u>
				Total FY04 Program	35,454

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE COMMAND**
FY 2001 - FY 2005 FUTURE YEARS DEFENSE PROGRAM (FYDP)
(DOLLARS IN THOUSANDS)

<u>FY</u>	<u>State</u>	<u>Installation</u>	<u>Project</u>	<u>Type</u>	<u>Appr</u>
05	CA	March ARB	Fire Station	Current Mission	5,771
05	CA	March ARB	Renovate Pride Hangar	Current Mission	3,312
05	CA	Travis AFB	Aircraft Generation Squadron Training Facility	Current Mission	3,690
05	MO	Whiteman AFB	Squadron Operations Facility	Current Mission	3,255
05	NJ	McGuire AFB	Medical Training Facility (w/ANG)	Current Mission	2,365
05	PA	Pittsburgh ARS	Communications Squadron Training Facility	Current Mission	2,649
05	PA	Willow Grove ARS	Upgrade Storm Drainage System	Current Mission	2,838
05	WI	Mitchell ARS	Add/Alter Composite Training Facility	Current Mission	<u>2,838</u>
				Total MILCON	26,718
				Unspecified MC	5,390
				Planning & Design	2,931
				SIOH for FY 01-05 Projects	<u>1,306</u>
				Total FY05 Program	36,345